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MONTHLY OPERATING REPORTS FOR THE MONTH OF FEBRUARY.

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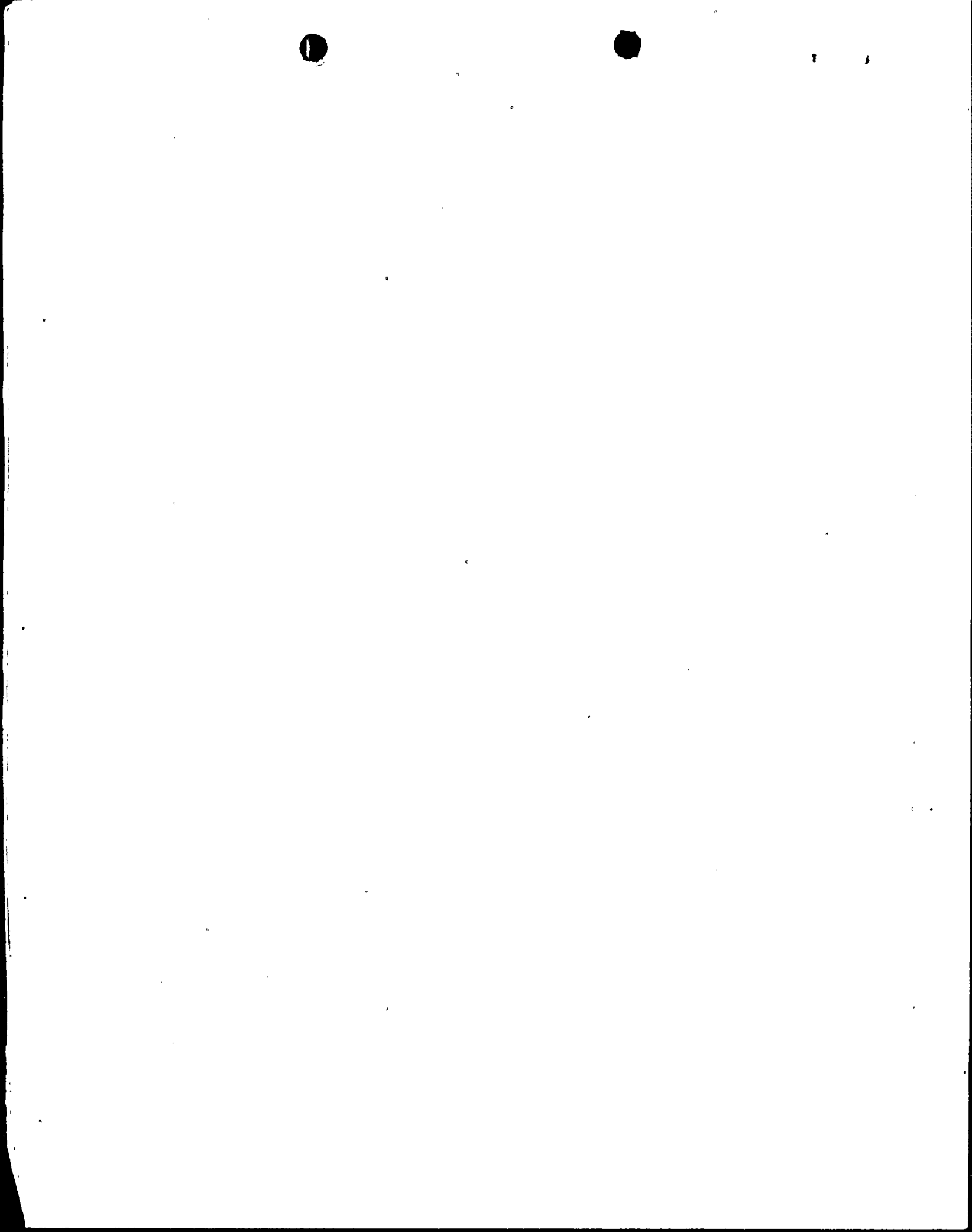
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March 4, 1978



Office of Management Information  
and Program Controls  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Gentlemen:

Attached are the February, 1978, Operating Status Reports for  
Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

Very truly yours,

*A. D. Schmidt*  
A. D. Schmidt  
Vice President  
Power Resources

VTC/DDC

cc: Mr. James P. O'Reilly  
Robert Lowenstein, Esquire

A003  
S  
1/1

780740142

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250  
Turkey Point  
UNIT Unit No. 3

DATE March 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH FEBRUARY, 1978

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 ---  
2 ---  
3 ---  
4 ---  
5 ---  
6 ---  
7 ---  
8 ---  
9 ---  
10 ---  
11 ---  
12 ---  
13 ---  
14 ---  
15 ---  
16 ---

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17 11  
18 127  
19 400  
20 638  
21 680  
22 683  
23 687  
24 687  
25 686  
26 686  
27 681  
28 675  
~~29~~ ---  
~~30~~ ---  
~~31~~ ---

NOTE: Average daily power  
greater than 666 MWe  
due to cooler condenser  
cooling water.

OPERATING DATA REPORT

DOCKET NO. 50-250  
 DATE Mar. 4, 1978  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 3
2. Reporting Period: February, 1978
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes -- Unit No. 3 operated at approximately 100% R.P. after the unit was returned to service, following completion of scheduled refueling, maintenance, inspections, and tests, except for the outage of February 18, 1978.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1 416.0	45 897.6
12. Number Of Hours Reactor Was Critical	343.8	343.8	35 569.7
13. Reactor Reserve Shutdown Hours	-0-	-0-	111.1
14. Hours Generator On-Line	265.4	265.4	34 351.8
15. Unit Reserve Shutdown Hours	-0-	-0-	85.0
16. Gross Thermal Energy Generated (MWH)	521 921	521 921	67 296.113
17. Gross Electrical Energy Generated (MWH)	168 530	168 530	21 452 875
18. Net Electrical Energy Generated (MWH)	154 909	152 669	20 299 319
19. Unit Service Factor	39.5	18.7	74.8
20. Unit Availability Factor	39.5	18.7	75.0
21. Unit Capacity Factor (Using MDC Net)	34.6	16.2	67.1
22. Unit Capacity Factor (Using DER Net)	33.3	15.6	63.8
23. Unit Forced Outage Rate	1.4	1.4	2.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Steam Generator Tube Inspection Program - August 17 - September 11, 1978

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY, 1978

DOCKET NO. 50 - 250  
 UNIT NAME Turkey Point Unit No. 3  
 DATE March 4, 1978  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
28	77-11-23	S	402.9	C	4	N/A	N/A	N/A	Unit No. 3 was removed from service for scheduled refueling, maintenance, and inspections. (Continued from previous month) (Nuclear and non-nuclear systems)
							CB	PUMPXX (B)	Outage was extended to repair mechanical seal on reactor coolant pumps. (Nuclear system)
1	78-02-18	F	3.7	B	4	N/A	H/A	GENERA (A)	Unit was removed from service to balance the generator exciter. (Non-nuclear system)

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251

Turkey Point  
UNIT Unit No. 4

DATE March 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH FEBRUARY, 1978

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>666</u>
2	<u>660</u>
3	<u>654</u>
4	<u>651</u>
5	<u>661</u>
6	<u>668</u>
7	<u>671</u>
8	<u>671</u>
9	<u>662</u>
10	<u>659</u>
11	<u>660</u>
12	<u>659</u>
13	<u>654</u>
14	<u>390</u>
15	<u>---</u>
16	<u>---</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>---</u>
18	<u>---</u>
19	<u>---</u>
20	<u>---</u>
21	<u>---</u>
22	<u>---</u>
23	<u>---</u>
24	<u>---</u>
25	<u>---</u>
26	<u>---</u>
27	<u>---</u>
28	<u>---</u>
<del>29</del>	<u>---</u>
<del>30</del>	<u>---</u>
<del>31</del>	<u>---</u>

NOTE: Average daily power greater than 666 MWe due to cooler condenser cooling water.





OPERATING DATA REPORT

DOCKET NO. 50-251  
 DATE Mar. 4, 1978  
 COMPLETED BY V.T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: Turkey Point Unit No. 4
2. Reporting Period: February, 1978
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes - Unit No. 4 operated at approximately 100% R.P. until the unit was removed from service to perform steam generator tube inspection and repairs..

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1 416.0	39 625.0
12. Number Of Hours Reactor Was Critical	328.2	1 062.6	28 535.5
13. Reactor Reserve Shutdown Hours	-0-	-0-	138.8
14. Hours Generator On-Line	327.7	1 060.6	27 183.9
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	717 981	2 319 238	57 404 906
17. Gross Electrical Energy Generated (MWH)	226 680	740 370	18 564 295
18. Net Electrical Energy Generated (MWH)	214 816	703 897	17 600 382
19. Unit Service Factor	48.8	74.9	68.6
20. Unit Availability Factor	48.8	74.9	68.6
21. Unit Capacity Factor (Using MDC Net)	48.0	74.6	67.2
22. Unit Capacity Factor (Using DER Net)	46.1	71.7	64.1
23. Unit Forced Outage Rate	-0-	-0-	3.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March 8, 1978
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH: FEBRUARY, 1978

DOCKET NO. 50 - 251  
 UNIT NAME Turkey Point Unit No. 4  
 DATE March 4, 1978  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
2	78-02-14	S	344.3	A	1	Steam Generator Inspection Program Report - Feb. 1978 (Transmitted March 1, 1978)	CB	HTEXCH (F)	Unit No. 4 was removed from service to perform steam generator tube inspection and repair leaks. (Nuclear system)

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335  
St. Lucie  
UNIT Unit No. 1

DATE March 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

MONTH FEBRUARY, 1978

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>728</u>
2	<u>743</u>
3	<u>738</u>
4	<u>772</u>
5	<u>787</u>
6	<u>781</u>
7	<u>795</u>
8	<u>748</u>
9	<u>547</u>
10	<u>793</u>
11	<u>795</u>
12	<u>797</u>
13	<u>795</u>
14	<u>794</u>
15	<u>792</u>
16	<u>791</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>793</u>
18	<u>779</u>
19	<u>789</u>
20	<u>791</u>
21	<u>793</u>
22	<u>792</u>
23	<u>795</u>
24	<u>786</u>
25	<u>770</u>
26	<u>785</u>
27	<u>791</u>
28	<u>795</u>
<del>29</del>	<del>_____</del>
<del>30</del>	<del>_____</del>
<del>31</del>	<del>_____</del>

NOTE: Average daily power  
greater than 777 MWe  
due to cooler condenser  
cooling water.

OPERATING DATA REPORT

DOCKET NO. 50-335  
 DATE Mar. 4, 1978  
 COMPLETED BY V. T. Chilson  
 TELEPHONE (305) 552-3824

OPERATING STATUS

1. Unit Name: St. Lucie Unit No. 1
2. Reporting Period: February, 1978
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 802
6. Maximum Dependable Capacity (Gross MWe): 822
7. Maximum Dependable Capacity (Net MWe): 777

Notes - Unit No. 1 operated at approximately 100% R.P. except for load reduction of Feb. 8-9, 1978.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

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9. Power Level To Which Restricted, If Any (Net MWe): NONE
  10. Reasons For Restrictions, If Any: \_\_\_\_\_
- 
- 

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672.0	1 416.0	10 440.0
12. Number Of Hours Reactor Was Critical	672.0	1 339.5	9 239.6
13. Reactor Reserve Shutdown Hours	-0-	-0-	101.5
14. Hours Generator On-Line	672.0	1 325.4	9 007.2
15. Unit Reserve Shutdown Hours	-0-	-0-	-0-
16. Gross Thermal Energy Generated (MWH)	1 578 630	3 248 527	21 097 741
17. Gross Electrical Energy Generated (MWH)	549 100	1 062 820	6 857 580
18. Net Electrical Energy Generated (MWH)	519 654	1 002 811	6 445 388
19. Unit Service Factor	100.0	93.6	86.3
20. Unit Availability Factor	100.0	93.6	86.3
21. Unit Capacity Factor (Using MDC Net)	99.5	91.1	79.5
22. Unit Capacity Factor (Using DER Net)	96.4	88.3	77.0
23. Unit Forced Outage Rate	0.0	2.4	9.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling, maintenance and inspections - April 1 - June 10, 1978

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25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY, 1978

DOCKET NO. 50 - 335

UNIT NAME St. Lucie Unit No. 1

DATE March 4, 1978

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3824

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
8	78-02-08	S	-0-	B	4	N/A	HH	PUMPXX (B)	Load reduction to clean steam generator feedwater pump suction strainers. (Non-nuclear system)

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance of Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit I - Same Source

(9/77)



11-11-11

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